# ISO

**Technical Committee 184: Industrial automation systems and integration**
**Subcommittee 4: Industrial data**

# ISO MAIL Ballot Results
## for ISO 00000-std 1 114
## "Application module development points in the application protocol development process"

The ballot was circulated among SC4 members for its vote on 2001-05-07. 10 of our 18 P-members responded to the ballot:

| COUNTRY | VOTE | COMMENTS |
|---|---|---|
| Australia | Y | |
| Canada | A | |
| China | | |
| Czech Republic | | |
| France | Y | |
| Germany | | Attached |
| Italy | | |
| Japan | Y | |
| Korea | Y | |
| Netherlands | A | |
| Norway | A | |
| Portugal | | |
| Russia | | |
| Spain | | |
| Sweden | Y | |
| Switzerland | | |
| United Kingdom | Y | |
| United States | Y | Attached |

The SC4 Secretary has reviewed the ballot responses and in consultation with the Chair has decided the document is approved, although some further revisions are desirable to reflect current SC4 policies.

This document is also available digitally through SOLIS via ftp or www http://www.nist.gov/sc4/ndocs/n1196

# Ballot Comments

**NOTE:**
**Some of these comment may have been scanned using Optical Character Recognition and have not been verified as**
 **100% accurate. Please refer to the original hard copy in cases of irregularities.**

## Germany

 Extension requested and  submitted 2001-08-20

The comments  are as follows on "TC 184/SC4 N1114: Application module development points within the application protocol development process" :

GER-1:
General
Major/Technical:
The guidelines has not been (widely) used within SC4 to develop AMs and/or APs yet. Therefore these documents needs to be adapted/modified as soon as more APs that uses the modular approach are being developed.

GER-2:
General
Major/Technical:
Unclear if EXPRESS does include EXPRESS V2 or not.

GER-3:
General
Major/Technical:
In the document sometimes the term "mapping table" is used, sometimes the term "mapping specification". From that, it is unclear what is allowed in Application Modules to describe mappings.

GER-4:
General
Major/Technical:
The guidelines do not contain any statements, rules, recommendations for naming conventions for entities, rules, function fore the whole set of SC4 modules.

GER-5:
General
Major/Technical:
The guideline roughly mentions the "Harmonization Team" and "Harmonization experts" and gives the impression that these are important for the process. However, the concrete roles and competences and their necessity are not described.

## United States

see annex US

Date: 2002-01-07          Document: **ISO/ TC184/SC4/N1114**

| Member body | Clause/ subclause | Paragraph/ Figure/ Table | Type of comment (general/ technical/editorial) | Comment | Proposed change | Observations of the secretariat on each comment submitted |
|---|---|---|---|---|---|---|
| US | Clause 4 | 1st paragraph | Technical | AP Development Process identified in SC4 N535 is not valid anymore. AP Planning Projects are not put forward to SC4 Sec anymore (nor to Quality Committee) | Update to the latest SC4 policy – use of the NWI for scope definition | |
| US | Clause 4.1 | A12 | Technical | Steps 2-5 are not followed anymore | AP owners prepare a NWI for the scope and go to Change Management for review of scope, etc. If Change Management approces, then project prepares a NWI. QC is not involved anymore | |
| US | Clause 4.1 | A13 | Technical | ARM does NOT have to be prepared prior to NWI development | Follow current process in SC4. ARM not required prior to NWI start. | |
| US | Clause 4.1 | A14 | Technical | ATS is not assigned anymore. Requirement eliminated | Follow current process in SC4. | |
| US | Clause 4 | General | Technical | Each Application Module is a separate Technical Specification (TS) Therefore, each TS (or grouping of TSs) will require a separate NWI to be balloted upon. Ballot may be a NWI or a NWI/CD TS ballot. | Change diagrams accordingly. | |